



## SEVERE WEATHER BULLETIN #16

### FOR: TYPHOON "BISING" (SURIGAE)

### TROPICAL CYCLONE: WARNING

**ISSUED AT 11:00 AM, 20 April 2021**

(Valid for broadcast until the next bulletin to be issued at 5 PM today)

**TYPHOON "BISING" MAINTAINS ITS STRENGTH WHILE SLOWLY MOVING NORTH-NORTHWESTWARD EAST OF QUEZON.**

#### Hazards affecting land areas

##### Heavy Rainfall

- Today (20 April), moderate to heavy rains will be experienced over Catanduanes. Light to moderate at times heavy rains over the eastern portion of Quezon, Camarines Provinces, Sorsogon, Albay, and Northern Samar.
- Under these conditions and considering the antecedent rainfall over the aforementioned areas, flooding (including flashfloods) and rain-induced landslides are highly likely to occur especially in areas identified in hazard maps as highly or very highly susceptible to these hazards.
- PAGASA Regional Services Divisions may issue local thunderstorm/rainfall advisories and heavy rainfall warnings while the Hydrometeorology Division and River Basin Flood Forecasting and Warning Centers may issue General Flood Advisories and Basin Flood Bulletins as appropriate.

##### Severe Winds:

- Tropical cyclone winds of at least strong breeze to near gale in strength extend outward up to 500 km from the center of the typhoon. Destructive typhoon-force winds extend outward up to 110 km from the center of the typhoon.
- In the next 24 hours, the northeasterly wind flow enhanced by the typhoon will also bring strong breeze to near gale conditions with higher gusts over the rest of Northern Luzon and the rest of Aurora and Quezon that are not under any Tropical Cyclone Wind Signal (TCWS). Such conditions are more likely to occur in the coastal and mountainous areas.

#### Hazards affecting coastal waters

In the next 24 hours, under the influence of Typhoon "BISING" and an enhanced northeasterly wind flow, the following sea conditions will be experienced over the coastal waters of the country:

- Very rough to high seas over the northern and eastern seaboard of Luzon (4.5 to 10.0 m), and rough to high seas over the northern and eastern seaboard of Eastern Visayas (3.0 to 7.0 m). Sea travel is risky for all types of seacrafts over these waters.
- Rough to very rough seas over the western seaboard of Northern Luzon (2.8 to 4.5 m), and rough seas over the eastern seaboard of Caraga and Davao Oriental and the remaining seaboard of areas under TCWS (2.5 to 4.0 m). Sea travel is risky for small seacrafts over these waters. Mariners without the proper experience should immediately seek safe harbor.
- Moderate to rough seas over the western seaboard of Central Luzon (1.2 to 3.0 m). Mariners of small seacrafts are advised not to venture out over these waters. Inexperienced mariners of these vessels should avoid navigating in these conditions.

#### Track and Intensity Outlook

- On the forecast track, Typhoon "BISING" will move generally northward or north northwestward until tomorrow evening (21 April) or Thursday (22 April) early morning. Afterwards, the typhoon will move northeastward away from the landmass of Luzon throughout Thursday and east northeastward on Friday (23 April) and Saturday (24 April). The typhoon is projected to exit the Philippine Area of Responsibility on Sunday (25 April).
- "BISING" is forecast to gradually weaken throughout the forecast period and may be downgraded to severe tropical storm by Saturday evening or Sunday early morning.

Prepared by:

  
**JEMB**

Checked by:

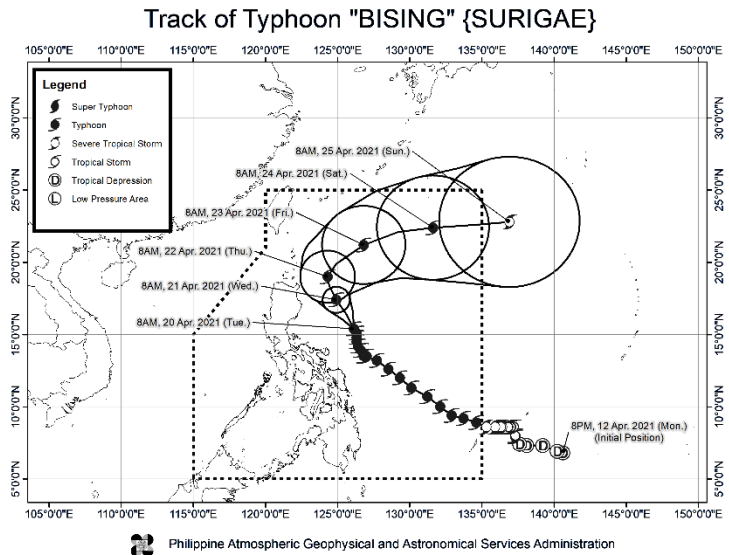
  
**JSG**



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### FOR: TYPHOON "BISING" (SURIGAE) TROPICAL CYCLONE: WARNING

<b>Location of eye/center</b>	At 10:00 AM today, the eye of Typhoon "BISING" was located based on all available data at 475 km East of Infanta, Quezon (15.5°N, 126.0°E).
<b>Strength</b>	Maximum sustained winds of 175 km/h near the center and gustiness of up to 215 km/h.
<b>Movement</b>	Moving North Northwestward Slowly
<b>Forecast Positions</b>	<ul style="list-style-type: none"> <li>• 24 Hour (Tomorrow morning): 340 km East of Tuguegarao City, Cagayan (17.4°N, 124.9°E)</li> <li>• 48 Hour (Thursday morning): 290 km East Northeast of Aparri, Cagayan (19.0°N, 124.3°E)</li> <li>• 72 Hour (Friday morning): 510 km East of Basco, Batanes (21.2°N, 126.8°E)</li> <li>• 96 Hour (Saturday morning): 1,020 km East of Extreme Northern Luzon (22.4°N, 131.6°E)</li> <li>• 120 Hour (Sunday morning): 1,565 km East Northeast of Extreme Northern Luzon (OUTSIDE PAR) (22.8°N, 136.9°E)</li> </ul>



#### TROPICAL CYCLONE WIND SIGNAL

TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
<b>2</b> (61-120 km/h winds prevailing or expected in 24 hours)	<b>The eastern portion of Cagayan</b> (Santa Ana, Gonzaga, Baggao, Gattaran, Lal-Lo, Peñablanca, Santa Teresita, Buguey, Camalaniugan, Aparri), the <b>eastern portion of Isabela</b> (San Pablo, Maconacon, Divilacan, Ilagan, Palanan), and <b>Catanduanes</b>	-	-	<ul style="list-style-type: none"> <li>• Light to Moderate damage to high risk structures;</li> <li>• Very light to light damage to medium-risk structures;</li> <li>• No damage to very light damage to low risk structures</li> <li>• Unshielded, old dilapidated schoolhouses, makeshift shanties, and other structures of light materials are partially damaged or unroofed.</li> <li>• A number of nipa and cogon houses may be partially or totally unroofed.</li> <li>• Some old galvanized iron (G.I.) roofs may be peeled or blown off.</li> <li>• Some wooden, old electric posts are tilted or downed.</li> <li>• Some damage to poorly constructed signs/billboards</li> <li>• In general, the winds may bring light to moderate damage to the exposed communities. Most banana plants, a few mango trees, ipil-ipil and similar types of trees are downed or broken.</li> <li>• Some coconut trees may be tilted with few others broken.</li> <li>• Rice and corn may be adversely affected.</li> <li>• Considerable damage to shrubbery and trees with some heavy-foliaged trees blown down.</li> </ul>
<b>Other areas under TCWS #2 are now lowered to TCWS#1.</b>				

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TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
<b>1</b> (30-60 km/h winds prevailing or expected in 36 hours)	<b>Batanes, the rest of Cagayan</b> including <b>Babuyan Islands, the rest of Isabela, Quirino, Apayao, the eastern portion of Kalinga</b> (Pinukupuk, Rizal, Tabuk City), the <b>eastern portion of Mountain Province</b> (Paracelis, Natonin), the <b>eastern portion of Ifugao</b> (Aguinaldo, Alfonso Lista), the <b>northern portion of Aurora</b> (Baler, Dipaculao, Dinalungan, Casiguran, Dilasag), the <b>eastern portion of Quezon</b> (Calauag, Guinayangan, Tagkawayan) including <b>Polillo Islands, Camarines Norte, Camarines Sur, Albay, and Sorsogon</b>	<b>Northern Samar, the northern portion of Samar</b> (Matuguinao), and the <b>northern portion of Eastern Samar</b> (Jipapad, Arteche, San Policarpo, Oras)	-	<ul style="list-style-type: none"> <li>• Very light or no damage to low risk structures,</li> <li>• Light damage to medium to high risk structures</li> <li>• Slight damage to some houses of very light materials or makeshift structures in exposed communities. Some banana plants are tilted, a few downed and leaves are generally damaged</li> <li>• Twigs of small trees may be broken.</li> <li>• Rice crops, however, may suffer significant damage when it is in its flowering stage.</li> </ul>
	<b>TCWS#1 in other areas is hereby lifted.</b>			
<b>The public and the disaster risk reduction and management council concerned are advised to take appropriate actions and watch for the next Severe Weather Bulletin to be issued at 5 PM today.</b>				

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